ABSTRACT OF THE DISCLOSURE

A thin-film magnetic head includes a TMR element and a resistor element connected in parallel with the TMR element. A resistance value R_{TMR} of the TMR element itself is $R_{TMR} \geq 240$ Ω, a product RA of the resistance value of the TMR element itself and a cross-sectional area of the TMR element is $RA \geq 3$ $\Omega \cdot \mu m^2$, and a resistance value R_{PARA} of the resistor element is $R_{PARA} \leq 480$ Ω.